

SEPTEMBER 1953

# BULLETIN

OF THE NEW YORK  
ACADEMY OF MEDICINE



## *Original Articles*

### CARDIOVASCULAR SURGERY

#### *A Symposium*

JOSEPH F. ARTUSIO, Jr.	DANIEL S. LUKAS
FRANK GLENN	S. W. MOORE
HENRY P. GOLDBERG	WARD D. O'SULLIVAN
GEORGE R. HOLSWADE	ISRAEL STEINBERG
EDWARD B. C. KEEFER	HAROLD J. STEWART

HOWARD C. TAYLOR, Jr.

J. H. MEANS

NEW YORK PATHOLOGICAL SOCIETY  
SECTION ON MICROBIOLOGY

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1953

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BULLETIN OF  
THE NEW YORK ACADEMY  
OF MEDICINE



VOL. 29, NO. 9

SEPTEMBER 1953

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CARDIOVASCULAR SURGERY

*A Symposium*

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*Chairman:* FRANK GLENN

Introductory Remarks—FRANK GLENN

The Relation of Cardiac Catheterization to  
Cardiovascular Surgery—DANIEL S. LUKAS

Mitral Commissurotomy—FRANK GLENN AND HAROLD J. STEWART

Anesthesia Management of the Rheumatic Cardiac  
for Mitral Valvulotomy—JOSEPH F. ARTUSIO, JR.

Coarctation of the Aorta  
—WARD D. O'SULLIVAN AND ISRAEL STEINBERG

Patent Ductus Arteriosus  
—GEORGE R. HOLSWADE AND HENRY P. GOLDBERG

The Clinical Use of Homologous Arterial Grafts  
—EDWARD B. C. KEEFER AND S. W. MOORE

*Isolated Nodules of Regenerative Hyperplasia of the Liver:  
The Problem of their Differentiation from Neoplasms\**

CHARLES F. BEGG and WILLIAM H. BERRY

Department of Pathology, St. Luke's Hospital

The identity of masses of liver tissue occurring as distinct nodules within the liver substance or as pedunculated masses arising from the surface of the liver was discussed. On the basis of study of 4 cases seen by the authors and a review of 29 other cases reported in the literature since 1930, the authors concluded that these lesions are

evidences of regeneration of liver tissue following injury and are not neoplasms. Twenty-eight of the 29 cases found in the literature had been reported as benign neoplasms or hamartomas. The pathogenesis and treatment of the lesions were discussed and their relationship to neoplasia.

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\* This paper will be published in the American Journal of Clinical Pathology.

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**NEW PUBLICATION OF  
COMMITTEE ON MEDICAL INFORMATION**

*THE EPIDEMIOLOGY OF HEALTH*, edited by Iago Galdston has been published for the Committee on Medical Information of The New York Academy of Medicine by the Health Education Council. This work is based on the proceedings of the Eleventh Annual Eastern States Health Education Conference. Fifteen eminent physicians expound the application of the concept of the epidemiology of health as a practical implementation of social medicine. The thesis propounded is that health is communicable and the epidemiology of health implies a demographic assessment and the dynamic propagation of health.

Available from Health Education Council, 10 Downing Street, New York 14, N.Y.

Price \$4.00.

## **TWENTY-SIXTH GRADUATE FORTNIGHT**

THE NEW YORK ACADEMY OF MEDICINE

2 East 103 Street, New York

### **DISORDERS OF THE BLOOD AND THE BLOOD-FORMING ORGANS**

OCTOBER 19-30, 1953

#### **EVENING LECTURE PROGRAM**

##### **MONDAY, OCTOBER 19**

###### *PRESIDENTIAL ADDRESS*

ALEXANDER T. MARTIN

###### *ERYTHROPOIESIS: NORMAL AND ABNORMAL*

###### **Ludwig Kast Lecture**

WILLIAM B. CASTLE, Professor of Medicine, Harvard Medical School

###### *IRON METABOLISM*

S. GRANICK, Ph.D., Associate Member of the Rockefeller Institute

##### **TUESDAY, OCTOBER 20**

###### *PRINCIPLES IN THE MANAGEMENT OF ANEMIAS*

###### **Carpenter Lecture**

MAXWELL M. WINTROBE, Professor of Medicine, University of Utah College of Medicine

###### *HEMOGLOBIN AND BILE PIGMENT METABOLISM*

IRVING M. LONDON, Assistant Professor of Medicine, College of Physicians and Surgeons, Columbia University

##### **WEDNESDAY, OCTOBER 21**

###### *THE HEMOLYTIC STATES*

WILLIAM H. CROSBY, Lt. Col., MC, USA, Chief Department of Hematology, Army Medical Service Graduate School, Washington, D. C.

###### *HEREDITARY ANEMIAS*

R. JANET WATSON, Associate Professor of Medicine, State University of New York, College of Medicine at New York City

##### **THURSDAY, OCTOBER 22**

###### *ANEMIAS IN INFANCY AND CHILDHOOD:*

###### *DIAGNOSTIC AND THERAPEUTIC CONSIDERATIONS*

CARL H. SMITH, Associate Professor of Clinical Pediatrics, Cornell University Medical College

###### *BASIC MECHANISMS OF THE HEMOSTATIC PROCESS*

MARIO STEFANINI, Associate Professor of Medicine, Tufts College Medical School

##### **FRIDAY, OCTOBER 23**

###### *HEMOPHILIA*

K. M. BRINKHOUS, Professor of Pathology, University of North Carolina School of Medicine

###### *THE THROMBOCYTOPENIC PURPURAS*

EUGENE L. LOZNER, Associate Professor of Medicine, State University of New York Upstate Medical Center, Syracuse

**MONDAY, OCTOBER 26***WHITE BLOOD CELLS IN HEALTH AND DISEASE*

CHARLES A. DOAN, Dean and Director of Medical Research, Ohio State University Health Center, Columbus, Ohio

*POLYCYTHEMIA VERA: ITS COURSE AND TREATMENT*

LOUIS R. WASSERMAN, Hematologist, The Mount Sinai Hospital, New York

**TUESDAY, OCTOBER 27***LYMPHOMAS AND LEUKEMIA***Harlow Brooks Lecture**

NATHAN ROSENTHAL, Consulting Hematologist, The Mount Sinai Hospital, New York

*THE THERAPY OF LEUKEMIA*

JOSEPH H. BURCHENAL, Professor of Medicine, Sloan-Kettering Division of Cornell University Medical College

**WEDNESDAY, OCTOBER 28***HYPERSPLENISM*

WILLIAM DAMESHEK, Professor of Clinical Medicine, Tufts College Medical School

*CURRENT PROBLEMS IN BLOOD TRANSFUSION*

PETER VOGEL, Director of the Blood Bank, The Mount Sinai Hospital, New York

**THURSDAY, OCTOBER 29***FACTORS MODIFYING THE EFFECT OF RADIATION ON THE BLOOD AND BLOOD-FORMING TISSUE*

LEON O. JACOBSON, Professor of Medicine, The University of Chicago

*RETICULOENDOTHELIOSIS*

PAUL KLEMPERER, Pathologist, The Mount Sinai Hospital, New York

**FRIDAY, OCTOBER 30***CLINICAL IMPLICATIONS OF PLASMA FRACTIONATION*

I. HERBERT SCHEINBERG, Associate in Medicine, Harvard Medical School

*BLOOD VOLUME IN HEALTH AND DISEASE*

SOLOMON A. BERSON, Assistant Director, Radioisotope Unit, Veterans Administration Hospital, Bronx, N. Y.

**MORNING PANEL PROGRAM**

11:00 A.M. at the Academy

**Monday, October 19**

*NUTRITIONAL ANEMIAS*.....Chairman: JOSEPH C. TURNER

**Wednesday, October 21**

*METHODS IN HEMATOLOGY*.....Chairman: DANIEL STATS

**Friday, October 23**

*ERYTHROBLASTOSIS FETALIS*.....Chairman: AARON KELLNER

**Monday, October 26**

*THE ACTION OF DRUGS AND TOXIC AGENTS ON THE BLOOD PICTURE*.....Chairman: PAUL REZNIKOFF

**Wednesday, October 28**

*THERAPY OF LEUKEMIA*.....Chairman: LLOYD F. CRAVER

**Friday, October 30**

*THE PROBLEMS OF TRANSFUSIONS*.....Chairman: PETER VOGEL

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## HOSPITAL CLINICS PROGRAM

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### CALENDAR OF CLINICS

All Clinics will be held from 2 to 5 P.M.

#### First Week

##### (AT THE HOSPITALS)

- |                              |  |
|------------------------------|--|
| <b>Monday, October 19</b>    | 1. Memorial<br><i>Hospital Representative:</i> LLOYD F. CRAVER                     |
|                              | 2. Flower-Fifth Avenue<br><i>Hospital Representative:</i> LINN J. BOYD             |
| <b>Tuesday, October 20</b>   | 3. Polyclinic<br><i>Hospital Representative:</i> JAMES P. CROCE                    |
|                              | 4. Lenox Hill<br><i>Hospital Representative:</i> CARL REICH                        |
| <b>Wednesday, October 21</b> | 5. St. Vincent's<br><i>Hospital Representative:</i> ANTONIO ROTTINO                |
|                              | 6. Veterans Administration, Bronx<br><i>Hospital Representative:</i> JOSEPH GENNIS |
| <b>Thursday, October 22</b>  | 7. Roosevelt<br><i>Hospital Representative:</i> R. STERLING MUELLER                |
|                              | 8. St. Luke's<br><i>Hospital Representative:</i> LUIS A. AMILL                     |
| <b>Friday, October 23</b>    | 9. Morrisania<br><i>Hospital Representative:</i> HERMAN L. FROSC                   |
|                              | 10. Joint Diseases<br><i>Hospital Representative:</i> CARL REICH                   |

#### Second Week

##### (AT THE ACADEMY)

- |                            |  |
|----------------------------|--|
| <b>Monday, October 26</b>  | 11. University<br><i>Hospital Representative:</i> EDWARD H. REISNER, JR. |
|                            | 12. Bellevue<br><i>Hospital Representative:</i> CHESTER H. WHITNEY       |
| <b>Tuesday, October 27</b> | 13. Beth Israel<br><i>Hospital Representative:</i> LEON SUSSMAN          |
|                            | 14. Presbyterian<br><i>Hospital Representative:</i> JOSEPH C. TURNER     |

- Wednesday, October 28** 15. St. Clare's  
*Hospital Representative:* CARL REICH
16. New York  
*Hospital Representative:* RALPH L. ENGLE, JR.
- Thursday, October 29** 17. Harlem  
*Hospital Representative:* NATHAN ROSENTHAL
18. Mt. Sinai  
*Hospital Representative:* LOUIS WASSERMAN
- Friday, October 30** 19. Kings County, University Division  
*Hospital Representative:* R. JANET WATSON
20. Montefiore  
*Hospital Representative:* SAMUEL MELAMED

### **GRADUATE FORTNIGHT REGISTRATION FEES — NON-FELLOWS**

Fellows of The New York Academy of Medicine will be furnished registrations cards without application. A registration card will be sent to Non-Fellows upon receipt of check, payable to *The New York Academy of Medicine*, for \$10.00 for the entire program, \$5.00 for the *second week*.

Medical Officers of the Armed Services, in uniform, will be admitted without charge.

Interns and Residents will be admitted without charge, provided they present letters from their Chiefs of Service. They will be seated as facilities permit, after Fellows of the Academy and other registrants have been accommodated.



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# MEDICAL RESEARCH FORUM

to be held by

## THE NEW YORK ACADEMY OF MEDICINE

2 EAST 103 STREET

NEW YORK 29, N. Y.

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THE NEW YORK ACADEMY OF MEDICINE will reinstitute the Forum for Clinical Research during the coming academic year 1953-1954. By accepting only a limited number of presentations of new, original and interesting work, the Committee plans to improve the quality of this Forum over that of the Clinical Research meetings of former years. Investigators may present results of original research in clinical medicine at this Forum, to be held Thursday, January 28, 1954, at 8:00 P. M.

This Forum is being arranged by the Committee on Medical Education of the Academy with the following stipulations:—

1. Presentations will be confined to recent original research in clinical medicine, surgery, or to research which is applicable to medicine or surgery in all clinical branches.
2. Presentations should be reports of work done within the last year or of progress in a continuing project. Previous submission to or presentation before a society will not prejudice the opportunity for presentation at the Forum.
3. In submitting application, the investigator is requested to state whether this work has been published, in toto or abstract, or has been submitted for publication; also, in cases where the investigator is working under the head of a department of a hospital or research institute, approval of the head of department is requested.

Presentations will be limited to twelve minutes. A period of free discussion will follow each presentation.

The publication of presentations is not a necessary condition but the Academy plans to publish promptly abstracts of presentations, if the author so desires. In order to expedite publication of abstracts, the Committee requests that the abstract submitted by the investigator be carefully prepared in the form in which publication is desired, with the understanding that publication of the abstract in the *Bulletin* of the Academy shall not preclude publication by the author in any other journal.

The Committee extends an invitation to all research workers of Greater New York to submit an abstract of proposed presentation in *QUADRUPLICATE*, not to exceed five hundred words in length, to the Secretary of the Committee on Medical Education of the Academy during September and October 1953 and not later than November 1, 1953. A formal invitation to participate in this program will then be extended by the Committee to the authors of papers selected for presentation.

ROBERT L. CRAIG, M.D., *Executive Secretary*  
Committee on Medical Education  
The New York Academy of Medicine

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**MONTHLY PANEL MEETINGS ON  
THERAPEUTICS FOR THE GENERAL PHYSICIAN**

**1953 — 1954**

**Fridays at the Academy — 4:30 P.M.**

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**NOVEMBER 6, 1953 — CURRENT CONCEPTS IN THE MANAGEMENT OF FUNCTIONAL GASTROINTESTINAL DISORDERS**

*Moderator:* LAWRENCE S. KUBIE

**DECEMBER 4, 1953 — CURRENT CONCEPTS IN THE MANAGEMENT OF ASTHMA, EMPHYSEMA AND CHRONIC PULMONARY INFECTIONS**

*Moderator:* DICKINSON W. RICHARDS

**JANUARY 8, 1954 — CURRENT CONCEPTS IN THE MANAGEMENT OF THE MENOPAUSE, FEMALE AND MALE**

*Moderator:* HOWARD C. TAYLOR, JR.

**FEBRUARY 5, 1954 — CURRENT CONCEPTS IN THE MANAGEMENT OF ARTERIOSCLEROSIS**

*Moderator:* DAVID P. BARR

**MARCH 5, 1954 — CURRENT CONCEPTS IN THE MANAGEMENT OF ELECTROLYTE DISTURBANCES**

*Moderator:* E. HUGH LUCKEY

**APRIL 2, 1954 — CURRENT CONCEPTS IN THE USE OF ANTIBIOTICS**

*Moderator:* YALE KNEELAND, JR.

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**THE NEW YORK ACADEMY OF MEDICINE**

**2 EAST 103 STREET • NEW YORK 29, N. Y.**

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# POSTGRADUATE RADIO PROGRAMME OF

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## THE NEW YORK ACADEMY OF MEDICINE

arranged by THE COMMITTEE ON MEDICAL INFORMATION

in cooperation with THE COMMITTEE ON MEDICAL EDUCATION

**THURSDAYS — 9:00 P.M. — 10:00 P.M. Station WNYC-FM — 93.9 megs.**

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**SEPT. 3** PARATHYROIDS AND CALCIUM METABOLISM—Isidore Snapper, *Director of Medical Education, Cook County Hospital, Chicago.*

DIAGNOSIS OF LYMPHOMAS—Lloyd Freeman Craver, *Attending Physician, Memorial Center.*

**SEPT. 10** FAMILY LIFE AND MENTAL HEALTH—John A. Rose, *Supervising Psychiatrist, Child Guidance Clinic, Philadelphia.*

DIAGNOSIS OF CANCER OF THE LUNG—William Law Watson, *Attending Surgeon, Thoracic Service, Memorial Center.*

**SEPT. 17** RECENT ADVANCES IN BACTERIOLOGICAL AND IMMUNOLOGICAL PROCEDURES—Harry M. Rose, *Assistant Attending Physician, Presbyterian Hospital.*

RECENT ADVANCES IN THE SURGICAL APPROACH TO THE CANCER PROBLEM—Henry Thomas Randall, *Clinical Director, Memorial Center.*

**SEPT. 24** SURGICAL REVISION IN CONGENITAL CARDIOVASCULAR DISEASE—George H. Humphreys II, *Director of Surgery, Presbyterian Hospital.*

THE PAIN PROBLEM IN THE CANCER PATIENT—Raymond W. Houde, *Assistant Attending Physician, Medical Service, Memorial Center.*

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### CONFERENCES ON DRUG ADDICTION AMONG ADOLESCENTS\*

The Proceedings of two Academy-sponsored conferences on teen-age drug addiction may now be obtained in book form. Over 50 experts representing various professions and agencies, each concerned with drug addiction, contributed to a comprehensive approach. Among the points considered: the report of a new drug for the detection of narcotics addiction, the role of education in the prevention of adolescent drug use, and the designation of narcotics addiction as a "disease of deprivation."

Copies of the book, entitled CONFERENCES ON DRUG ADDICTION AMONG ADOLESCENTS, may be obtained from The Blakiston Company, 575 Madison Avenue, New York 22, New York. The price of the book is \$4.00.

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\* Held under the auspices of the Committee on Public Health Relations of The New York Academy of Medicine.